

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by: Frough Sherwani

GENERAL INFORMATION:

Name:	Renaissance Mark
Address:	350 Southwood Court Bowling Green, KY 42101
Date application received:	9/11/2003
SIC Code/SIC description:	2752, Commercial Printing
Source ID:	21-227-00097
Agency Interest:	4125
Activity:	APE20040002
Permit:	V-07-025

APPLICATION TYPE/PERMIT ACTIVITY:

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input type="checkbox"/> Conditional major
<input type="checkbox"/> Administrative	<input checked="" type="checkbox"/> Title V
<input type="checkbox"/> Minor	<input type="checkbox"/> Synthetic minor
<input type="checkbox"/> Significant	<input checked="" type="checkbox"/> Operating
<input checked="" type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:001, 1(116)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☐ Certified by responsible official
- ☒ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutant	ACTUAL EMISSIONS (TPY)¹	POTENTIAL EMISSIONS (TPY)
PM/PM ₁₀	0.027	0.8
SO ₂	0.003	0.05
NO ₂	0.748	8.58
CO	0.187	7.21
VOC	72.695	200.42
Manganese Compound**	NA	0.64
Cobalt Compound**	NA	0.11
Glycol Ethers**	NA	0.38
Combined HAPs	NA	1.13

1. Actual emissions are from the Kentucky Division for Air Quality's 2006 Emissions Inventory report.

** HAPs

SOURCE DESCRIPTION:

On September 11, 2003, the Division received an application from Renaissance Mark for the renewal of their permit V-98-034 (Revision 1) to operate a printing presses facility in Bowling Green, Kentucky. The plant consists of the following operational areas

- a. Lithographic Department
- b. Flexographic Department
- c. Finishing Department
- d. Maintenance/Ancillary Plant Operations.

EMISSIONS AND OPERATING CAPS DESCRIPTIONS:

Regulation 401 KAR 59:212, *New graphics arts facilities using rotogravure and flexography*, applies to each flexographic press at the facility. However, the facility is exempt from the VOC standards under Section 3 since the permittee has elected to comply with the exemptions under Section 6 of this regulation. Pursuant to this exemption, the permittee will only use inks whose volatile portion consists of seventy-five (75) volume percent water and twenty-five (25) volume percent organic solvent (or a lower VOC content) in all flexographic printing units.